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SYNTHESIS, CHARACTERIZATION AND ANTIOXIDANT ACTIVITY
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Abstract. α , β -unsaturated compounds have been used as important synthons in synthetic organic chemistry. These are valuable intermediates in a variety of synthetic transformations and useful as building blocks to develop not only biologically active cycloalkanes but also heterocycles. The exploitation of simple molecules with different functionalities for the development of five membered heterocycles is one of the major challenges in heterocyclic arena. In this perspective, the synthesis of differently substituted α , β -unsaturated compounds having a variety pharmacophore compounds adopting green methodology. The results pertaining to these aspects will be discussed.

